

Converting Colors

XYZ(79.8958, 82.9048, 67.6446)

Have a look what the booklet for
XYZ(79.8958, 82.9048, 67.6446)
contains.

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Color

**XYZ(79.6622, 82.6729,
67.6359)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE8CA
RGB	252, 232, 202
RGB Percent	99%, 91%, 79%
CMY	0.0118, 0.0902, 0.2078
CMYK	0.00, 0.08, 0.20, 0.01
HSL	36°, 89%, 89%
HSV	36°, 20%, 99%
XYZ	79.6622, 82.6729, 67.6359
YIQ	234.5600, 21.5500, -5.0900

Conversions

Conversions Part 2

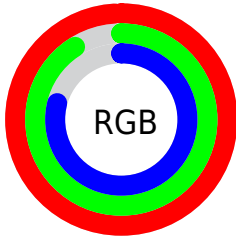
Format	Color
RYB	235, 252, 202
Decimal	16574666
CIELab	92.87, 2.15, 17.06
CIELCh	93, 17.195, 82.823
Yxy	82.6729, 0.3464, 0.3595
Android (android.graphics.Color)	4294764746 (0xFFFC8CA)
YUV	234.5600, -16.0521, 15.2949
Hunter-Lab	90.9246, -2.7281, 19.5433

Details

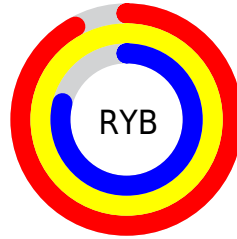
The XYZ color **79.6622, 82.6729, 67.6359** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.0488, 71.8259, 102.3734**, and the grayscale version is **78.7396, 82.8402, 90.2130**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3763, 44.7909, 34.3763** is the 20% darker color. If you saturate the color by 10%, you get **74.1635, 76.0666, 52.2649**, and if you desaturate by 10%, it is **85.8153, 89.8069, 85.6307**.

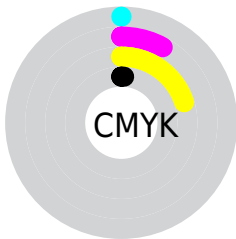
Distribution



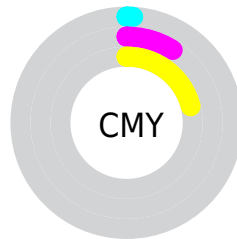
- Red (99%)
- Green (91%)
- Blue (79%)



- Red (92%)
- Yellow (99%)
- Blue (79%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (1%)





- Cyan (1%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.6622, 82.6729, 67.6359 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 79.6622, 82.6729, 67.6359 by changing the saturation by 10% instead.


 79.6622, 82.6729,
67.6359

 79.6622, 82.6729,
67.6359


482.5476,
503.8957, 470.7679

 59.7479, 61.9203,
49.1367


131.8437,
137.1172, 117.4804

 43.4642, 44.9683,
34.3616


164.8417,
171.5778, 149.6628

 30.4456, 31.4325,
22.8919


202.9316,
211.3765, 187.2434

 20.3268, 20.9284,
14.3092

246.4788,
256.8977, 230.6407

 12.7425, 13.0717,
8.1948

295.8486,
308.5259, 280.2733

 7.3272, 7.4779,
4.1303

351.4065,

 3.7157, 3.7627,

366.6453, 336.5596

1.6971

413.5177,
431.6405, 399.9183

■ 1.5426, 1.5417,
0.3587

■ 0.3545, 0.3178,
0.0000

■ 79.6622, 82.6729,
67.6359

■ 79.6622, 82.6729,
67.6359

■ 74.1635, 76.0666,
52.2649

■ 85.8153, 89.8069,
85.6307

■ 69.2863, 69.9620,
39.3872

■ 92.6407, 97.4715,
106.3610

■ 65.0044, 64.3471,
28.8689

■ 93.9552, 99.4356,
108.8488

■ 61.2869, 59.2049,
20.5613

■ 58.0996, 54.5171,
14.2984

■ 55.4036, 50.2633,
9.8907

■ 53.1531, 46.4203,
7.1126

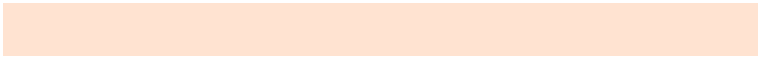
■ 51.2761, 42.9539,
5.5999

■ 51.2480, 42.9013,
5.5797

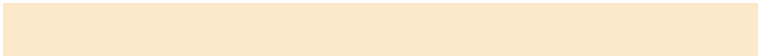
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.9141, 82.6729, 71.7099



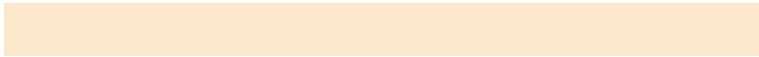
79.6622, 82.6729, 67.6359



75.2750, 82.6729, 69.0867

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6622, 82.6729, 67.6359



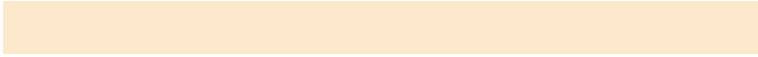
70.8825, 82.6729, 99.9572



85.6633, 82.6729, 105.8080

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79.6622, 82.6729, 67.6359



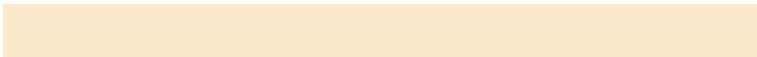
68.0488, 71.8259, 102.3734

Split Complementary

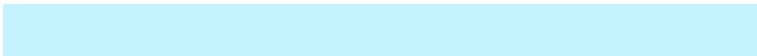
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9764, 82.6729, 114.7971



79.6622, 82.6729, 67.6359



73.4732, 82.6729, 111.2008

Square

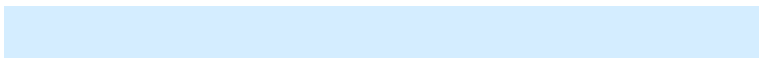
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6622, 82.6729, 67.6359



70.3159, 82.6729, 86.9614



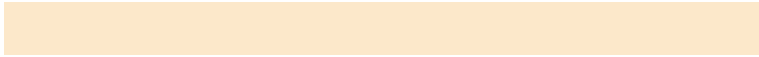
77.5039, 82.6729, 116.8590



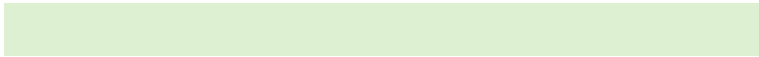
87.4635, 82.6729, 93.1428

Rectangle

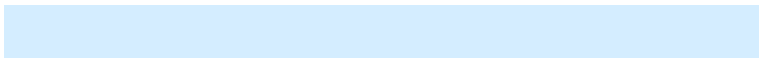
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6622, 82.6729, 67.6359



72.8518, 82.6729, 73.0644



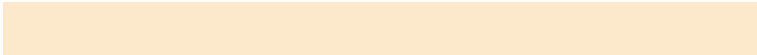
77.5039, 82.6729, 116.8590



84.5969, 82.6729, 109.4072

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



79.6644, 82.6766, 67.6376



90.7627, 95.2116, 95.7986



74.4512, 68.2115, 78.3504



19.3303, 20.2702, 20.2130



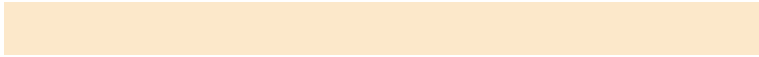
0.0000, 0.0000, 0.0000



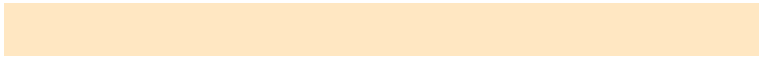
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6644, 82.6766, 67.6376



79.3986, 82.0329, 62.5704



83.8297, 93.6600, 69.5381



18.1110, 18.9579, 18.1671



26.8437, 22.6440, 2.9559



2.5899, 2.3046, 0.3083

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68.0488, 71.8259, 102.3734



65.3894, 68.9480, 104.4696



64.4244, 62.5359, 100.7713



16.8527, 17.7822, 21.9294



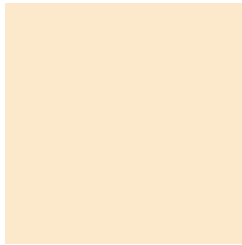
11.7003, 8.7561, 49.0470



1.1842, 1.0121, 4.5761

Previews

White Background



This preview shows how the XYZ color 79.6622, 82.6729, 67.6359 looks on a white background.

Color Contrast Check

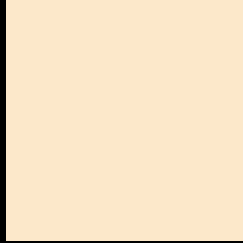
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 79.6622, 82.6729, 67.6359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

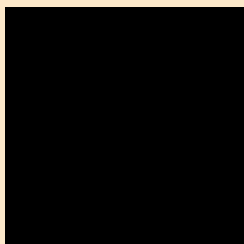
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6622, 82.6729, 67.6359

Background



This preview shows how black text looks on a background with the XYZ color 79.6622, 82.6729, 67.6359.



This preview shows how white text looks on a background with the XYZ color 79.6622, 82.6729,

67.6359.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.6622, 82.6729, 67.6359

Protanopia

78.2083, 82.7503, 68.3503

Deuteranopia

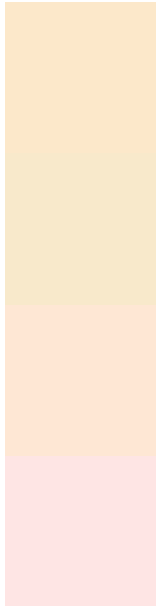
82.0612, 82.8634, 77.3148



Tritanopia

84.8867, 82.6692, 96.2768

Trichromacy



Original Color

79.6622, 82.6729, 67.6359

Protanomaly

78.6298, 82.5461, 68.2887

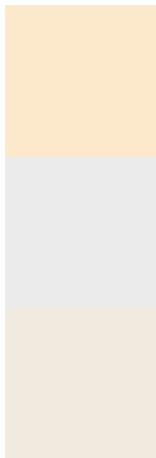
Deuteranomaly

81.3326, 82.9761, 74.0167

Tritanomaly

82.8960, 82.7109, 84.9945

Monochromacy



Original Color

79.6622, 82.6729, 67.6359

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.0177, 82.8741, 81.6437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6622, 82.6729, 67.6359 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(252, 232, 202)` looks like.

```
.text, #text, p{  
    color:rgb(252, 232, 202)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 232, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 232, 202) }
```

Border

The CSS property to change the border of an element to XYZ 79.6622, 82.6729, 67.6359 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 232, 202) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(252, 232, 202) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(252, 232, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 232, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 232, 202);  
box-shadow:4px 4px 4px 4px rgb(252, 232,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6622, 82.6729, 67.6359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 232, 202) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
232, 202) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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